

swing~light open

The **hansen swing~light** is a linear LED luminaire. The individual points of light are intentionally visible. Applications include the indirect illumination of light covers or the back-lighting of pictures or objects. Another application is a point-shaped line of light as a design element on building facades.

The body consists of an extruded silicone profile. The LEDs and the electrical connections, which are sealed with a transparent casting compound, are housed in the inner part of the profile. The connecting cables are led out at the ends of the profile.

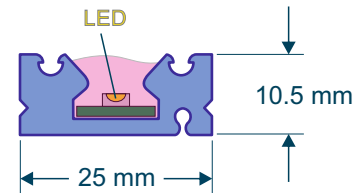
The LED circuit boards are operated in a series connection. The swing~light open profile can be supplied with different LED spacings. The minimum spacing is 15 mm. Larger spacings of up to 100 mm are possible.

General data	
LED spacing	15 - 100 mm
LED radiation angle	120°
Max. available length	5,000 mm
Bending direction	Horizontal and/or vertical
Minimum bending radius	150 mm
Degree of protection	IP 67
Protection class	II
Ambient temperature range	-25°C bis +65°C
Residual luminous flux	80% after 50,000 operating hours
Conformity	CE, RoHS
Available colours	Warm white (2700K), cool white (6500K), red, blue, green, yellow, orange, RGB

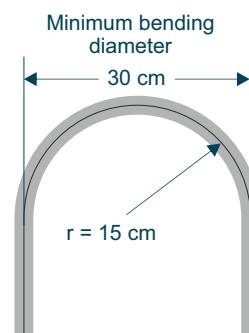
Electrical data	15 mm LED spacing (max. brightness)
Type of connection	Series/Parallel connection
Power supply unit	hansen Converter, Typ C100/...
Converter current	100 mA
Max. LED current	50 mA
LED wattage (50 mA)	0.15 W
Wattage per metre	9 W
Connecting cable	H07RN-F 1x1.5 mm ² (Hansen Typ 24)

All values refer to an ambient temperature of +25 °C.

Cross-section and dimensions

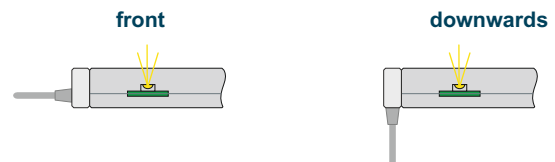


Bending



swing~light open can be bent horizontally and/or vertically with a minimum radius of 15 cm.

Cable connection



Electrical data	60 mm LED spacing
Type of connection	Series connection
Power supply unit	hansen Converter, Typ C50/...
Converter current	50 mA
Max. LED current	50 mA
LED wattage (50 mA)	0.15 W
Wattage per metre	2.5 W
Connecting cable	H07RN-F 1x1.5 mm ² (Hansen Typ 24)

All values refer to an ambient temperature of +25 °C.

Electrical connection

swing~light open must only be operated with **hansen** constant-current converters.

